

Product data sheet

Specifications



PowerLogic PS25-12V: Power supply and battery charger single 12V 48W output

EMS58585

⚠ Discontinued

⚠ Discontinued on: Aug 30, 2023

⚠ End-of-service on: Dec 31, 2023

Main

Range Of Product	Easergy T300
Device Short Name	P25-12V

Complementary

Product Or Component Type	Power supply
Product Compatibility	BAT5.5AH BAT2.3AH
[Us] Rated Supply Voltage	110...345 V DC 85...264 V AC 47...63 Hz
Output Voltage	12 V DC
Number Of Outputs	Battery ON 1 digital (relay) Main presence 1 digital (relay)
Battery Capacity	5.5 Ah 12 V, lead-acid battery 2.3 Ah 12 V, lead-acid battery
Typical Battery Recharge Time	24 h

Environment

Mounting Support	DIN rail
Operating Position	Vertical
Overvoltage Category	IV
Electromagnetic Compatibility	Conducted RF disturbances - test level: level 3 criteria A conforming to IEC 61000-4-6 Electrical fast transient/burst immunity test - test level: level 4 criteria B (input) conforming to IEC 61000-4-4 Electrical fast transient/burst immunity test - test level: level 3 criteria B (output) conforming to IEC 61000-4-4 Radiated radio-frequency electromagnetic field immunity test - test level: level 3 criteria A conforming to IEC 61000-4-3 Electrostatic discharge - test level: level 3 criteria B conforming to IEC 61000-4-2 Surge immunity test - test level: level 4 criteria B (input) conforming to IEC 61000-4-5 Surge immunity test - test level: level 3 criteria B (other circuits)
Standards	IEC 60950
Product Certifications	CE
Ip Degree Of Protection	IP20 IEC 60529
Ambient Air Temperature For Operation	-13...158 °F (-25...70 °C) with derating factor at 60 °C)
Ambient Air Temperature For Storage	-40...176 °F (-40...80 °C)
Relative Humidity	5...95 % conforming to IEC 60068-2-30

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Mechanical Robustness	Vibrations 15...150 Hz 2.3 gn 90 min conforming to IEC 60068-2-6 Shocks 30 gn conforming to IEC 60068-2-27
Height	3.90 in (99 mm)
Width	2.66 in (67.5 mm)
Depth	4.21 in (107 mm)
Net Weight	0.99 lb(US) (0.45 kg)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Sustainability



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)

Well-being performance

 Mercury Free	
 Rohs Exemption Information	Yes
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins